

Amendment to Specification

Please, find below the currently amended "Abstract of Disclosure" which should replace the Original one in compliance with 37 CFR 1.121(b)(2)(ii). Now, it should be read as follows:

Abstract of Disclosure

~~A manufacture~~ A system of structural elements called [""]earthquake protector²
~~protectors to shield a building structure against destructive earthquakes as well as to~~
~~secure its stability under strong winds, comprising two ring shaped segmented slide tracks~~
~~containing plurality of freely revolving rollers made of hard material, said rollers in each~~
~~track stretched parallel to one another, said tracks positioned above each other with their~~
~~axes of rotational sliding being set horizontal and mutually orthogonal, said tracks~~
~~comprising three properly configured race pads, namely: a lower pad resting on the building~~
~~footing, an intermediate pad, and an upper pad supporting the building superstructure; top~~
~~surface of the lower pad and bottom surface of the intermediate pad encompassing a lower~~
~~track; top surface of the intermediate pad and bottom surface of the top pad encompassing~~
~~an upper track; said pads being able to slide mutually along their tracks; a column stub~~
~~underpinning and framed into the building superstructure, said column stub having its lower~~
~~end unrestrained against rotation and supported on the top surface of the upper pad with~~
~~help of a self-lubricating spherical foot bearing.~~ is resting on a building footing and
underpinning a building superstructure. It is intended to shield the building superstructure
against lateral impacts of strong earthquakes. Each earthquake protector comprises: three
properly configured race pads mounted one over another with the lower pad resting on the
footing; two circular-cylinder-shaped segmented slide tracks which are sagged down,
located between adjacent race pads and containing freely revolving parallel cylindrical
rollers with their axes of rotational sliding being set horizontal and mutually orthogonal; a
column stub resting upon a self-lubricating spherical bearing mounted centrally on the
upper pad with the top end of the column stub being framed rigidly into the supported
building superstructure. With a magnitude of earth movement exceeding a certain
~~threshold, the earthquake protector permits horizontal excursions of the footing relative to~~
~~the superstructure while transmitting a considerably reduced shearing force and bending~~
~~moment upwards thus preventing any sizable lateral deformations in the protected building.~~
After the earthquake intensity exceeds a certain threshold, earthquake protectors permit
mutually quasi-independent excursions of the footing and superstructure thus preventing
sizable lateral deformations in the protected building.